

Technical Description

The Boeing Company

Submitted: 9/24/2019
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This activity has been coordinated with NGUYEN, JIMMY GS-14 USAF AFSPC
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JUSTIFICATION:

SATCOM Antenna System

The Boeing Company is requesting a FCC Experimental License to support the VIP SAM government contract under the following contract numbers:

VIPSAM: Contract Number: 4501684463
USG Prime Contract Number: HC101318C0002

Manufacturer:	ASC
Model:	3.5M
Frequencies:	30-31 GHz
Emissions:	70M1M1D
ERP:	204174W
Emissions:	50M0M1D
ERP:	794328W
Emissions:	30M0M1D
ERP:	794328W
Emissions:	20M0M1D
ERP:	794328W
Emissions:	10M0M1D
ERP:	794328W
Emissions:	5M00M1D
ERP:	794328W
Emissions:	1M00M1D
ERP:	316228W

I5-F2 -Downlink

Frequencies:	20.2-21.2 GHz
Emissions:	70M1M1D
ERP:	549541W
Emissions:	50M0M1D
ERP:	549541W
Emissions:	30M0M1D
ERP:	549541W
Emissions:	20M0M1D

ERP: 446684W
Emissions: 10M0M1D
ERP: 223872W
Emissions: 5M00M1D
ERP: 112202W
Emissions: 1M00M1D
ERP: 22387W

LOCATIONS

Location: Lino Lakes, MN
Lat/Lon: 45-08-03N 93-05-45W
Station Class FX

POINT OF COMMUNICATION: INMARSAT-5 F2

STOP BUZZER POINT OF CONTACT:

Stop Buzzer for Operation: Robert Ruggieri cell +1 (301) 266-0924 or Boeing 24-hour NOC
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